

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Anil R. Duggal

Serial No.: 10/666,145

Group Art Unit: 2821

Filed:

September 22, 2003

Examiner:

For: A COLOR TUNABLE ORGANIC

ELECTROLUMINESCENT LIGHT SOURCE

INFORMATION DISCLOSURE STATEMENT

ATTN: MAILSTOP PATENT APPLICATION **COMMISSIONER FOR PATENTS** ARLINGTON, VA 22313-1450

SIR:

This Information Disclosure Statement is being filed under 37 CFR 1.56 for a continuing application which relies on the filing date of its parent application, such parent application being identified as:

U.S. patent application Serial No.:

09/684,483

Filed: October 10, 2000

Inventor(s): Anil R. Duggal

Title: A COLOR TUNABLE ORGANIC ELECTROLUMINESCENT LIGHT SOURCE

Enclosed are Forms PTO-1449 listing all "prior art" cited in each Form PTO-1449 submitted in the parent application and in each Form PTO-892 cited in the parent application. Pursuant to 37 CFR 1.98(d), no actual copies of documents listed on such forms are being furnished to the PTO with this Information Disclosure Statement.

Date: Many 14, 2004

Submitted.

Respectfully

Toan P. Vo

Attorney/Agent

General Electric Company CRD Patent Docket RM 4A59

P.O. Box 8, Bldg. K-1

Schenectady, New York 12301

Reg. No. 43,225

Telephone No.: (518) 387-6648

| (REV. 7-80) (Title Amended 3/83) MAY 1 9 2004 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | | | | | | | | | ATTY. DOCKET NO. RD-27925-5 | | SERIAL NO. 10/666,145 | | | | |
|---|-----------------------------|--------------------|--|--------------|-------|-------|------|-------|------------------------------|------------------|--------------------------------|-------------------------------|--------------------------|-----------------|-------------------------------|-------------|--|
| INFORMATI | | | | | | | | TEN | MENT RV AI | DDI ICANT | | Applicant | | | - | | |
| INFORTMATI | ON DA | V | R | LDQ | 100 | ~/ | EM | | VICIAL DI XI | LIOAN | | Anil R. Duggal | | | | | |
| | | • | | | | | | _ | | | Filing Date | Group | Group | | | | |
| | (| Use | se | vei | ral s | she | ets | if n | ecessary) | | September 22, 2003 | | | 2821 | | | |
| | | | | | | | • | | | U.S. PATEN | TI | DOCUMENTS | | | | | |
| *EXAMINER INITIAL | D | ocu | MEN | NT N | IUM | BER | | | DATE | | | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | | |
| | AA | 5 | 6 | 8 | 8 | 5 | 5 | 1 | 11/18/97 | Littman et | t a | ıl. | | | | | |
| | АВ | 5 | 2 | 4 | 7 | 1 | 9 | 0 | 09/21/93 | Friend et | al. | | | | | | |
| | AC | 5 | 7 | 0 | 8 | 1 | 3 | 0 | 01/13/98 | Woo et al | | | | | | | |
| | AD | 5 | 2 | 9 | 4 | 8 | 7 | 0 | 03/15/94 | Tang et al. | | | | | | | |
| ۲ | AE | 6 | 3 | 3 | 7 | 4 | 9 | 2 | 01/08/02 | Jones et al. | | | | | | | |
| | AF | 6 | 4 | 2 | 9 | 5 | 8 | 5 | 08/06/02 | Kitazume | et | t al. | | | | | |
| | AG | | | | | | | | | | | | | | | | |
| | АН | | | | | | | | | L | | | | | | | |
| | Al | | | | | | | | | | | = - | | | | | |
| | AJ | | | | | | | | | | | | | | | | |
| | AK | | | | | | | | | | | | | | | | |
| | | | | | | | | | FOREIC | ON PATENT | DC | OCUMENTS | | | | | |
| | | DOCUMENT NUMBER DA | | | | | | ₹ | DATE | COUNTRY | | | CLASS | SUBCLASS | TRANSI YES | ATION No | |
| | AL | | | | | | | | | | | <u> </u> | | | | | |
| | АМ | | | | | | | | | | | | | | | | |
| À | AN | | | | | | | | | | | | | | | | |
| | AO | | | | | | L | | | | | | | | | | |
| | AP | | | | | | | | | | | | | | | | |
| | | | | (| TTC | HEF | 3 IN | (FO | RMATION (II | ncluding Auth | 101 | r, Title, Date, Pertinent | pages. Et | c.) | | | |
| | AR | | R. H. Friend, "Optical Investigations of Conjugated Polymers", Journal of Molecular Electronics, 37-46, (1998) | | | | | | | | | | | | | | |
| | AS | | Gerritt Klamer et al., "Colorfast Blue-Light Emitting Random Copolymers Derived Di-n-hexylfluorene and Anthracene", Adv. Mater. 993-997 (1998) | | | | | | | | | | | | | | |
| | AT | | Junji Kido et al., "Organic electroluminescent devices based on molecularly doped polymers", Appl. Phys. Lett., 761-763 (1992) | | | | | | | | | | | | | | |
| EXAMINER | | | | | | | | | | | Α | TE CONSIDERED | | | | | |
| *EXAMINER: In Include copy of | nitial if refe this form | erenc | ce co | onsic com | lered | d, wh | neth | er or | not citation is in oplicant. | conformance with | n M | IPEP 609; Draw line through o | citation if not i | n conformance g | and not consid | dered. | |

| (REV. 7-80) (Title Amended 3. | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | | | | | | | ATTY. DOCKET NO RD-27925-5 | | SERIAL NO. 10/666,145 | | | | | |
|-----------------------------------|---|---|--------------|--------|------|-------|---------|------------------|---------------|-------------------------------|------------------------|--------------------------|------------------------|-------------------------------|--------------|--|--|
| INFORMATI | ON DI | | .OSL .IST | | | | | ENT BY A | APPLICAN | T | Applicant Anil R. Dugg | gal | | | | | |
| (Use several sheets if necessary) | | | | | | | | | | | Filing Date | | Group | Group | | | |
| | | | | | | | | | | | September | 22, 2003 | 2821 | 2821 | | | |
| | | | | | | | | | U.S. PATI | ENT | DOCUMENTS | | | | | | |
| *EXAMINER INITIAL | D | CUN | /ENT | NUME | BER | | \prod | DATE | | | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | | | |
| | ВА | | | | | | | | | | | | | | | | |
| | вв | | | | | | | | | | | | | | • | | |
| | ВС | | | | | | | | | | | | | | | | |
| | BD | | | | | | | | | | | | | | | | |
| 4 | BE | | | | | | | | | | | | | | | | |
| | BF | | | | | | | | | | | | | | | | |
| | ВG | | | | | | | | | | | | | | | | |
| | вн | | | | | | | | | | | | | | | | |
| | ВІ | | | | | İ | Ť | | | | | | | | | | |
| | BJ | 1 | Ì | İ | | İ | Ī | | | | | | | | <u> </u> | | |
| | ВК | | | | | | | | | | | | | | | | |
| | | | | | | | | FORE | IGN PATEN | IT D | OCUMENTS | | | | | | |
| | | DOCUMENT NUMBER | | | | | | DATE | | | COUNTRY | CLASS | SUBCLASS | TRANSI YES | LATION No | | |
| | BL | | | | | | | | | | | | | | | | |
| | вм | | | | | | | | | | | | | | | | |
| <i>A</i> | BN | | | | | | | | | | | | | | | | |
| 1 | во | | | | | | | | | | | | | | | | |
| | ВР | | | | | | | , | | | | | | | | | |
| | | T | | ОТН | ΙER | INF | ORI | MATION (| Including A | utho | r, Title, Date, Pert | inent pages. Et | c.) | | | | |
| | BR | Chung-Chih Wu et al., "Efficient Organic Electroluminescent Devices Using Single-Layer Doped Polymer Think Films with Bipolar Carrier Transpor Abilities", 44 IEEE Trans. on Elec. Devices 1269-1281 (1997) | | | | | | | | | | | | | | | |
| l. | BS | A. W. Grice et al., "High brightness and efficiency blue light-emitting polymer diodes", Appl. Phys. Lett., 73, 629-431 (1998) | | | | | | | | | | | | | | | |
| | вт | Hiroyuki Suzuki et al., "Near-ultraviolet electroluminescence from polysilanes", Thin Solid Films, 331, 64-70 (1998) | | | | | | | | | | | | | | | |
| EXAMINER | | | | | | | | | | DA | ATE CONSIDERED | | | | | | |
| *EXAMINER: In Include copy of t | itial if refe | rence | consi | idered | , wh | ether | or no | t citation is in | o conformance | with M | IPEP 609; Draw line th | rough citation if not i | n conformance <u>a</u> | and not consid | dered. | | |